

Proposed Program
1981 Deuel Conference

Polyunsaturated fat in the diet: ω -3 and ω -6 fatty acids. (plasma lipoproteins, membranes, cellular function, and prostaglandins)

Howard Sprecher, Biochemistry, Ohio State University
Polyunsaturated fatty acid metabolism and conversion to prostaglandins

J. Martin Bailey, Biochemistry, George Washington Medical School
The role of ω -3 and ω -6 fatty acids in cellular function (prostaglandin and leucotriene synthesis)

Joan Trinoco, University of California, Berkeley
The essentiality of dietary ω -3 fatty acids?--Current evidence

Govind Dhopeswarkar, UCLA, Los Angeles
The transport and relationship of dietary polyunsaturated fatty acids and brain fatty acids

Sunne Bergstrom, Stockholm, Sweden (pending arrangements)
The synthesis and biological functions of the prostaglandins

William Connor, Department of Medicine, University of Oregon Health Sciences Cent
Dietary ω -3 fatty acids from fish: plasma lipids, lipoproteins, and sterol balance

James Mead, UCLA, Los Angeles
The metabolism of polyunsaturated fatty acids in membranes

Ralph Holman, Hormel Institute
 ω -3 fatty acid deficiency in humans

Dietary sterols, saturated fat and calorie balance (absorption transport and cellular responses)

Robert Mahley, University of California, San Francisco
The cellular uptake of diet-induced beta VLDL: studies in macrophages

George Vahouny, Biochemistry, George Washington Medical School
The absorption of marine lipids

Ronald Krauss, University of California, Berkeley
Dietary saturated fat and lipoprotein subclasses

Fred Mattson, University of California, San Diego
Dietary cholesterol: high and low responders

Scott Grundy, University of California, San Diego
Effects of weight reduction upon the plasma lipoproteins

John Kane, University of California, San Francisco
Intestinal versus hepatic sources of the apoprotein B in the rat and man

William Hazzard, University of Washington, Seattle
Chylomicron apoprotein B turnover in humans

Rene Malinow, Regional Primate Center, Beaverton, Oregon
Dietary saponins, cholesterol absorption and sterol balance

Donald Puppione, UCLA, Los Angeles
Saturated fat in the diet and physical-chemical alterations of chylomicrons and VLDL